25X1A Approved For Release 2002/07/31 CIA-RDP63-003134<del>000600040051-6</del>

CHAL 0769

22 October 1959

MEMORANDUM FOR: Deputy Director (Plans)

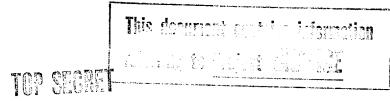
SUBJECT:

Photo Coverage of Polyarnyy Uzala

- 1. In reply to your inquiry re coverage of the Polyarnyy Ural-Kotlas rail complex this fall, the following comments are provided:
  - a. Insofar as sun angles are concerned, it will be possible to complete the mission, as outlined on attached map, up to and including 2 November 1959. If we could accomplish this mission by the above date, we can be assured of a minimum of  $7.1/2^{\circ}$  sun angle at the extreme northeast end of the route;  $13.1/2^{\circ}$  sun angle in the Kotlas area and  $10.1/2^{\circ}$  sun angle in the Molotovsk area.
  - b. Weather considerations are by far the most restricting for this target, especially at this time of the year. It can normally be expected that a location of ten miles or less radius, such as Polyarnyy Ural or Salekard, in the northern tip of the Urals will have 2/8 or less cloud cover less than one day between 22 October and 2 November. The probability of 20% or more of an area as extensive as the rail line between Polyarnyy Ural and Kotlas having 2/8 or less cloud cover is extremely small.

Two cloud-cover studies, one of which was especially prepared for Projects CHALICE and CORONA utilizing data collected in 1954 through 1958, are the basis for the above estimates.

2. If approval were given to attempt this mission at this time, we would employ the following operational concept:



120

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- 2 -25X1A Use "fast move" concept s pre-staging 25X1A base sad as take-off and landing base for the mission. b. We would use one of the J-75 equipped sireraft. 25X1D 5X1! All portions of flight over denied territory to be at 70,000 feet. 25X1D 5X1! d. The mission would take approximately hours depending on whether or not we overfly the Melotovsk area. 3. If mission approval is granted, we will have no difficulties in 25X1D getting into position favorable weather by 26 5X1! October 1959. 4. In addition to the above, Headquarters will have to lay on arrange-25X1D 5X1!

STANLEY W. BEERLI
Colonel USAF
Chief, Operations Branch, DPD-DD/P

JFR:bm 25X1A

1 & 2 - Addressee

3 - C/Ops/DPD

4 - Ops subj. Chan

5I - Ops chron-(Class)

A DECEMBER 1